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GenCote version 5.1.3
CepyLight (c) 1933 - 2003 - cumpagen Ltd
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January 16, 2003, 16:59:22 ; Search time 44.5714 Seconds Pun on:

(without alignments) 89.447 Million cell updates/sec

US-09-856-070-19 65

Perfect score:

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BLOSUM62 Scoring table:

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Maximum DB seq leagth: 200hถกถกาก Minimum DB seq length: 0

Post-processing: Minimum Match 100% Maximum Match 100% Listing first 45 summaries

Command line parameters:

Database :

Issued_Patents_NA:*

1: /cgn2_6/ptodata/2/ina/5A_coMB.seq:*

- /cgn2_6/ptodata/2/ina/5B_coMB.seq:*

3. /cgn2_6/ptodata/2/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*

/cgn2_6/ptodata/2/ina/PCTUS_COMM.seq:*

/rgn2_5/ptodata/2/ina/backfiles1.seq *

score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Pred. No. is the number of results predicted by chance to have a

SUMMARIES

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Result		Query				
∾	Score		Match Length DB	DB	01	Description
	39	0.00	:		* (- 57x02 - 179d - 1.0d	Sequence 13. Appl
~	3.9	0.09	1215	Ŋ	PCT-US91-00899-5	Sequence 5, Appli
3	3.9	60.0		,	118-07-914-281-9	Sequence 9, Appli
4	39	60.0		-	11S-08-191-246-4	٠,
5	39	0 U9			US-08-525-058A-9	Segrence 9, Appli
9	39	60.0	1488	C	US 08-696-731-9	
7	39	0.09		4	08-09-042-531-9	Sequence 9, Appli
Œ	65	60.0		CI	US-08-483-151-3	
6	39	60.0		S	PCT-US96-06427-3	رم.
10	39	0.09		4	US-08-482-073-9	σ,
11	39	0.09		4	US-08-482 073 10	
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SECUENCE CHARACIERISTICS:

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4-281	- 1	5 05	6-13	2-53	B 0.0	6-05	0.83	3-21	1.99		-	2-13	۲.	9.5	3 70	3-76	30-3	3-05	354-24	- 1		- 1				380 051B	5-4	7-3	7-1	ь.	CAL	4-16
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ALLIGNMENT'S

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APPLICANT: Lowe, John B.
TITLE OF INVENTION: Method and Products For the Synthesis of
TITLE OF INVENTION: Method and Products For the Synthesis of
TITLE OF INVENTION: OI as Free Molecules, and For the Isolation of Cloned
TITLE OF INVENTION: Genetic Sequences That Determine These Structur
COMMESSION SEQUENCES. 16
                                                                                                                                                                                                                                                                    OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADI,
                                                                                                                                                                                                                                                                                             : P.C.
1715 Joilterson Davis Highway, Suite 400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RECISTERATION NUMBER: 31,451
PEFFENCE, DOCKLY NUMBER: 2363-021-55 PCT FELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US91/00899
FILING DATE: 19910214
PCT-US91-00899-13
. Sequence 13. Application PC/IUS-100899
. GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Jean Paul
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTOPNEY/AGENT INFORMATION:
NAME: Lavalleye Ph.D., Jean
RECISTRATION NUMBER: 31,451
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFIGNE. (703)521-5940
TELEFAX: (703)486-234
TELEX: 248855 ODAT UR
INFORMATION FOR SEQ 1D NO: 13:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                               Arlington
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TITLE OF INVENTION. METHODS AND FRODUIS FOR THE SYNTHESIS
TITLE OF INVENTION: OF OLIGINARIDE SIMPLIFIES, OF OLIGINAL OF TITLE OF INVENTION: GLYCOLIPPIDS, PERER MOLECULES, AND FOR THE ISOLATION
TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTO
                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT,
ADDRESSEE: P.C.
   US-09-856-070-19 (1-13) x PCT-US91-QQQQ9-5 (1-1215)
                                                                              406 GAGGAGGTGGATCTGCGCGTGTTGGACTACGAGGAG 441
                                           2 GluCluLeuMetLeuArgleuGlnAspTyrGluGlu 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: 1BM PC COMPATIBLE OFFERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                       Sequence 9, Application US/07914281
Patent No. 5324663
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; Patent No. 5595900
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ATTORNEY/AGENT INFORMATION:
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39.00
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Lowe, John B. TITLE OF INVENTION: Mcthod and Products For the Synthesis of TYTLE OF INVENTION: Oligosacharide Structures on Glycoproteins, Glycolipids, TITLE OF INVENTION: or as Free Moleviles, and For the Isolation of Choned TITLE OF INVENTION: Genetic Sequences That Determine These Structur
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ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : 1755 Jetterson Davis Highway, Suite 400
Arlington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                             Conservative.
Mismatches:
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Mismatches:
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                                                                                                                                                                                                                                                                                                                                                               2 GludluLeuMetLeuArgLeuGlnAspTyrGludlu 13
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NAME: Lavalleye Ph.D., Jean Paul
REGISTRATION NUMBER: 31,451
REFERENCE/DOCKET NUMBER: 2863-021-55 PCT
                                                                                                                                                                                           Matches:
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                                                                            DNA (genomic)
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LENGIH: 1215 base pairs
TYPE: NUCLEIC ACID
1068 base pairs
                                                                                                                                                                                                         83.33#
55.57#
50.00$
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248855 OPAT UR
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                     NUCLEIC ACID
                                                         unknown
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                                                                                              HYPOTHETICAL: NO
                                                                                                                                                                                                             Percent Similarity:
Best Loval Similarity:
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Query Match:
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                                                                       MOLECULE TYPE:
                                       STRANDEDNESS
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                                                                                                                                                      Aliqument Scores.
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PCT-US91-00899-5
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TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS TITLE OF INVENTION: OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
1755 Jefferson Davis Highway, Fourth Floor
Arlington
                                                                                                                                                                                                                SOFTWARE: Patentle Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/07/914,281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative:
Mismatches:
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                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 31,451
TELECOMMONICALION INFORMATION: TELECOMMONICALION INFORMATION: TELECOMMONICALION 10404847
TELECOMMONICALION 10404847
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APPLICATION NUMBER: US 08/220,433
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                                                                                                                                                                                                                                                                                                                  TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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39.00
83.338
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EDNESS: double
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: C
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CORPESPONDENCE ADDRESS:
                                                                                                                                                                       CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                        Linear
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CITY: Arlington
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: U.S.A.
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                                                                                                                                                     FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                 TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pred. No.:
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OF OLIGOSACTHARIDE STRUCTUPES ON GLYCOPPOTEINS,
GIYCOTIPITS, OR AS FREE MOLETULES, AND FOR THE ISOLATION
OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTUPES
THILE OF INVENTION: GLYCOLIPIDS, OR AS PREE MOLECULES, AND FOR THE ISOLATION THILE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU CORPESPONENCE ADDRESS: 14

CORPESPONENCE ADDRESS:
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1755 Jefferson Davis Highway, Fourth Floor
                                                                          OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1488
                                                                                                            1755 Jefferson Davis Highway, Fourth Floor
                                                                                                                                                                                                                                                             SYSTEM: PC-LOS/MS-DOS
Paten*In Release #1.0, Version #1.25
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Mismatches:
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                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/393,246
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Lavalleye, Jean-Paul M. P.
REGISTRATION NUMBER: 31,451
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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REFERENCE/DOCKET NUMBER: 236
TELECOMMUNICATION INFORMATION:
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TELEFAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: US 08
FILING DATE: 30-MAR-1994
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ATTORNEY/AGENT INFORMATION:
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nucleic acid
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                                                                                                                             CITY: Arlington STATE: Virginia
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                                                                            ADDRESSEE:
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                                                                                            ADDRESSEE:
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THILE OF INVENTION: METHORS AND PROPRIETS FOR THE SYNTHESIS
THILE OF INVENTION: OF CLOSEACCHARINE STRUCTURES ON GLYCOPROTEINS,
THILE OF INVENTION: GLYCOLIPIUS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
THILE OF INVENTION: OF CLONED GENETIC SEQUENCES THAI DETERMINE THESE STRUCTU
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                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                  PREFERENCE/POCKET NUMBER: 2363-060-55 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                    APPLICATION NUMBER: US/08/525,058A
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FILING DATE: 14-AUG-1996
                                                                                                                                                                                                                                       ALTORNEY/AGENT INFORMATION:
NAME: Layalleye, Jean-Paul M. P.
REGISTRATION NUMBER: 31,451
COMPUTER REALBALLE FORM:
MEDLUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TELEFAX: (703)486-2347
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TELECOMMUNICATION INFORMATION:
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US-08-483-151-3
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                      TELEPHONE: TELEPHONE: (
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TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
TITLE OF INVENTION: METHODS AND PRODUCTS FOR GIYCOPPOTEINS,
TITLE OF INVENTION: OF OLIGOSACTHARIDE STRUCTURES, AND FOR THE ISOLACION
TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAI DETERMINE THESE STRUCTU
CORRESPONDENCE: 14
CORRESPONDENCE: ADDRESS:
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ADBRESSEE: P.C.
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OPERATING SYSTEM: PC-POS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
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Mismatches:
Indels,
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                                                                           NAME: Lavalleye, Jean-Paul M. P. REGISTRATION NUMBER: 31,401
REPERENCE/ONET NUMBER: 2363-060-55
TELECOMMUNICATION INFORMATION:
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FILING DATE: 30-MAR-1994
APPLICATION NUMBER: 18: 07/914,281
FILING DATE: 20-30L-1992
ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: US 07/914,281
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REGISTRATION NOMBER: 31,451
REFERENCE/DACKET NOMBER: 2363-060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 9, Application US/99042531
Patent No. 6268193
                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA (qenomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILLING DATE: 20-JUL-1992
AFTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                        LENGTH: 1488 base pairs
                                                                                                                                                                        TELEFAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ 1D NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     84.348
66.678
60.008
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                                                                                                                                                                                                                                                                                               unknown
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39.00
                                                                                                                                                                                                                                                                            nucleic acid
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                                                                                                                                                                                                                                                                                                                   unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity:
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                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Percent Similarity:
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TITLE OF INVENTION: FUCGYLTRANSFERASE GENES AND USES THEFFOR NUMBER OF SEQUENCES: 4
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                                                                                                                                                                                                                                                                                                                                                                                                                               679 GASSTGGATCTGGGGTGTGGACTACGAGGAG 714
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........ US/08/483,151
07-JUN-1995
N; 530
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225 Franklin Street
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TELECOMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 3, Application US/08483151; Patent No. 5858752; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           35,238
                                                                                                                                              TOPOLOGY: unknown
MOLECULE LYPE: DNA (genomic)
                              THERE 248855 OPAL UR
INFORMATION FOR SEQ 1D NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 1488 base pairs
(703)521-4500
(703)486-2347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Seed, Brian
APPLICANT: Holgersson, Jan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                           83.338
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                                                                                                                              unknown
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39.00
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39.00
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REGISTRATION NUMBER:
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HDNESS: single
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                                                                                                             TYPE: nucleic acid
STRANDEDNESS: unkno
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APPLICANT: The General Hospital Colporation
TITLE OF INVENTION: FUCUSATHRANSPERASE GENES AND USES THEMPOR
NUMBER OF SEQUENCES: 4
 400
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CHRPENT APPLICATION DATA-
APPLICATION NUMBER: PUI/US96/06427
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Mismatches:
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Mismaiches:
                                                                                                                                   427 GAGGAGGTGGATPTGGGGGGTTGGTTTGTTTTGGGGGAG 452
                                                                         US-09-856-070-19 (1-13) x US-08-483-151 3 (1-2124)
                                                                                                             2 GluGluLeuMetLeuArqLeuGlnAspTyrGluGlu 13
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                   Indels:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                       Sequence 3, Application PC/TUS9606427 GENERAL INFORMATION:
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APPLICATION NUMBER: 08/483,151
FILING DATE: 07-,7HN-1955
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; Patent No. 6307025
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Lech, KATCH
REGISTRATION NUMBER: 35,238
REFERFUCE/YNOCKET NUMBER: 060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: 200154
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Floppy disk
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83.33%
66.67%
                 60.00%
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   68.8
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Best Local Similarity:
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Best Local Similarity:
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                                                                                                                                                                                                                                                                                                                                                                                                                       NSA
                                                                                                                                                                                                                                                                                                                                                                                 Boston
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Pred. No.:
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                     Query Match:
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DB:
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APPLICANT: ROSA, Margaret D.
TILLE OF INVENTION: EMBOCHELIAL CELL-LEUKOCYIE ADHESION
TILLE OF INVENTION: MOJECTILES (ELAMS) AND MOJECTILES INVOLVED IN LEUKOCYTE
TITLE OF INVENTION: ADHESION (MILAS)
                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Rejease #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,073
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FILING DATE: 27-AFR-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/45±675
FILING DATE: 18-DEC-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/359516
FILING DATE: 01-JUN-1989
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                                                                                                                                                                                                                                          1251 Avenue of the Americas
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APPLICATION NUMBER: US/UB/486,336
                                                           Osborn, Laurelee
Renjamin, Christopher D.
                                                                                                                                                                                                                                                                                                      United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: B124C1P4 TELECOMMUNICATION INFORMATION:
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31-0CT-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 07/354151
FILING DATE: 28-AFR-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                          COMPUTER PEADABLE FORM:
MEDIUM TYPE: Fleppy disk
COMPUTER: IBM PC compatible
OPHRATING SYSTEM: PC-DOS/MS-DOS
Hession, Catherine A.
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TELEGRAX: (212) 596-9090
TELEX: 14-8367
INFORMATION FOR SEG ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Haley Jr., James F. REGISTRATION NUMBER: 27,7
                   Lobb, Roy R
Goelz, Susan E.
                                                                                                                                                                                                                         Fish & Neave
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39.00
83.33%
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EDNESS: double
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                                                                                                                                                                               NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                   STATE: New York
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                                                                                                                                                                                                                                                                  New York
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                                                           APPLICANT:
                                        APPLICANT:
                                                                              APPLICANT.
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ENDOTHEDIAL CELL-LEUKOCYTE ADHESION MOLECULES (ELAMS) AND MOLECULES INVOLVED IN LEUKOCYTE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM FYPE: Floppy disk
COMPOTFR: 14M PC COMPOTFR:
COMPOTFR: 1 PC-DOS/MS-10S
SOFTWARE: Patentin Release #1.0, Version #1.25
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Mismatches:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILLING DATE: 31-0CT-1990'
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WG PCT 278 90,202357
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                                                                                                                                                                                                                                                                                                                          E: Fish & Neave
1251 Avenue of the Americas
                                                                                                                                                                                                                                                                   TILLE OF INVENTION: ADHESION (MILAS)
                                                                                                                                                                                                                                                                                                                                                                                    STATE: New York
COUNTRY, United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Haley Jr., James F. REGISTRATION NUMBER: 27,794 REFERENCE/DOCKET NUMBER: 5124CIP4 TELECOMMUNICATION INFORMATION:
                                                                                                                                                               Osborn, Laurelee
Benjamin, Christopher D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/482,073
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/486,336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 27-APR-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/452675
FILING DATE: 18-DEC-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/359516
FILLING DATE: 01-JUN-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA: APPLICATION NUMBER: US 07/354151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 07/608298
                                      Sequence 10, Application US/08482073
Patent No. 6307025
                                                                                                   Hession, Catherine A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (212) 596-9000
TELEFAX: 14.8367
TELEX: 14.8367
INFORMATION FOR SEQ. ID NO: 10:
                                                                                                                                                                                                       Rosa, Margaret D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 28-APR-1989
ALTORNEY/AGENT INFORMATION:
                                                                                                                       Lobb, Roy R.
Goelz, Susan E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 2861 base pairs
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66.678
60.008
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM FYPE: Floppy
                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                          TITLE OF INVENTION:
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                                                                              GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                     New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICALION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
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APPLICANT:
APPLICANT:
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APPLICANT:
                     US 08:482:073 10
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                                                                                                   APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match:
RESULT 11
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US-04-856-070-14 (!-!3) x US-04-482-073-10 (1-2861)

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TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
TITLE OF INVENTION: OF GLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU
                                                                                                                                                                                                                                                                              APPLICANT: ATTHUR NO. APPLICANT: ATTHUR NO. SALITAN APPLICANT: Douglas C. Safiran APPLICANT: Steve Chappell Mitchell ATTHE OF INVENTION: M.VEL SERPENTINE TRANSMEMERANE ANTIGENS TITLE OF INVENTIOR: EXPRESSED IN HUMAN CANCERS AND USES HERROFFILE PERFENCE: 129.160.802
CURRENT APPLICATION NUMBER: US/09/323,873A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 1755 Jefferson Davis Highway, Fourth Floor
CITY: Arlington
STATE: Virgin:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC Compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Db 1728 AAATCTGAGATAGTTTTAAAATTACAAGAATATTTAGAA 1690
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                         Mismatches:
2 GluGluLeuMetLeuArgLeuGlnAspTyrGluGlu 13
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SOFTWARE: PastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/091,183
PRIOR FILLING DATE: 1998-06-30
                                                                                                                                         Sequence 6, Application US/09323873A Patent No. 6329503
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 : Sequence 7, Application US/07914281
: Patent No. 5324663
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     84.62%
53.95%
60.00%
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                               APPLICANT: Daniel E. Afar
APPLICANT: Rene S. Hubert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   39.00
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                                                                                                                                                                                                                                                               Kahan Leong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                : Homo Sapiens
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                                                                                                                                                                                           GENERAL INFORMATION:
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                                                                                                                     1 US-09-323-873A-6/c
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ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 3627
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TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
TITLE OF INVENTION: OF OLIGOSACCHARIDE STRUCTURES ON GIYCOPPOTEINS,
TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURES
NUMBER OF SEQUENCES: 23
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1755 Jefferson Davis Highway, Fourth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWAPE: Patentin Pelease #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/525,058A
                                                                                                                                                                                                                                                                                                                         Conservative.
Mismatches:
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                                                                                                                                                                                                                                                                                                       Matches:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME. Lavalleye, Jean-Paul M. P.
REGISTRATION NUMBER: 31,451
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC Compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                         DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DNA (genomic)
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INFORMATION FOR SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (703)521-4500
(703)486-2347
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TELERAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ. 1D NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 3647 base pairs
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66.678
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                                                                                                                                 unknown
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STRANDEDNESS: double
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                                                                                                             nucleic acid
                                                                                                                                                   unknown
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APPLICANT: LOWE, C
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Best Local Similarity:
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                                                                                                                                                                                         ; ANTI-SENSE: NO
US-08-393-246-7
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US-08-525-058A-7
                                                                                                                             STRANDEDNESS:
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                                                                                                                                                                     MOLECULE TYPE:
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Pred. No.:
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                                                                                                                                                   TOPOLOGY:
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                                                                                                                                                                                                                                                                                                       Score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: OF OLIGINARIDE SIEUCIUES ON GLYCOPROTEINS,
TITLE OF INVENTION: OF OLIGINARIDE SIEUCIUES ON GLYCOPROTEINS,
TITLE OF INVENTION: GLYCOLIFIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT PETERMINE THESE SIPUCTY
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P:\mathbb{C}_+
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Arlington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWAKE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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               CLASSIFICATION: 530
ATTORNEY/ZGENI INFORMATION:
NAME: Lavalleyo, Jean paul M. P.
REGISTRATION NUMBER: 31,451
REFERENCE/PONTER TUMBER: 2363-060-55
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-450
TELEPHONE: (703)5447
TELER: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 7:
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PFGISTPATION NUMBER: 31,451
REFERENCE/DOCKET NUMBER: 2363-060-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 08/220,433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         30-MAR-1994
JMBER: US 07/914,281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/393,246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DGS/MS-DGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 7, Application US/08393246
Patent No. 5595900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: (703)521-4500
                                                                                                                                                                                                                                                                                                                                          DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20-JUL-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 20-JUL-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 3647 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            83.33%
66.67%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60.00%
  19920720
                                                                                                                                                                                                                                                                                                       unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 530
                                                                                                                                                                                                                                                                            NUCLEIC ACID
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                                                                                                                                                                                                                                                                                                                         unknown
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Best Local Similarity:
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                                                                                                                                                                                                                                                                                              STRANDEDNESS:
    FILING DATE:
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Matches:	Conservative:	Mismatches:	Indels:	Gaps:
44.00	83.338	66.678	800.09	_
Score:	Percent Similarity:	Best Local Similarity:	Ouery Mateh:	DB:

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Search completed: January 16, 2003, 21:41:26 Job time : 47.5714 secs